



International Association of Marine Science  
Libraries and Information Centers

# newsletter

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Kristen L. Metzger, Editor

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## from the president

SINCE OUR LAST NEWSLETTER, A NUMBER OF IMPORTANT QUESTIONS CONCERNING THE ASSOCIATION HAVE BEEN RAISED AND STUDIED BY THE MEMBERS. AS YOU KNOW THE TASKS TO BE ACCOMPLISHED, AS DECIDED BY THE GENERAL ASSEMBLY, HAVE BEEN DISTRIBUTED AMONG VARIOUS COMMITTEES AND I CAN CONFIRM THAT THEY ARE ALL EXTREMELY ACTIVE. IN THIS NEWSLETTER YOU WILL FIND SOME REPORTS PREPARED BY THE CHAIRMEN OF THESE COMMITTEES WHO HAVE ALREADY SUBSTANTIAL RESULTS TO COMMUNICATE.

THE MOST INTENSIVE ACTIVITY HAS BEEN DEVELOPED BY THE DOCUMENT DELIVERY COMMITTEE, CHAIRED BY RUTH GRUNDY AND OF WHICH ANNA OXLEY, JAY MCLEAN AND TOM MORITZ ARE MEMBERS. THEY HAVE IN A VERY SHORT TIME HANDLED A DETAILED TECHNICAL PROJECT TO BE PROPOSED TO THE U.S. DEPARTMENT OF EDUCATION, A SUMMARY OF WHICH YOU WILL FIND IN THE NEWSLETTER. IAMS LIC IS SUPPORTING THIS AMERICAN PROJECT, BUT WE CONSIDER IT AS THE FIRST STEP OF A MUCH LARGER PROJECT WHICH SHOULD BECOME INTERNATIONAL AND INVOLVE, AS MUCH AS POSSIBLE,

♦ (CONTINUED ON PAGE TWO) ♦

(FROM THE PRESIDENT .....continued from page one) ♦

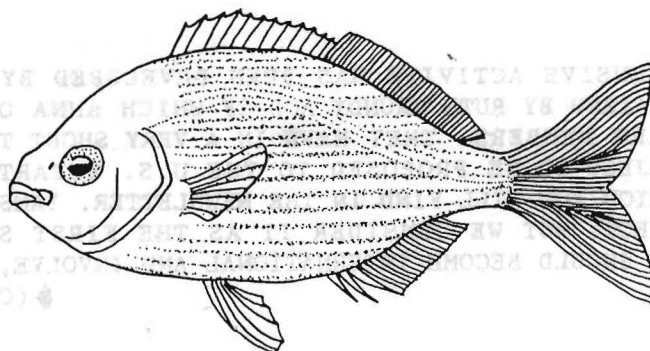
SOME DEVELOPING COUNTRIES. ALREADY SOME OF US HAVE STARTED TO APPROACH OUR FRIENDS IN INTERNATIONAL ORGANIZATIONS AND TO EXPLORE SIMILAR PROJECTS WHICH EXIST HERE AND THERE. OF COURSE, IT IS TOO EARLY TO SAY THAT WE ARE GOING TO SUCCEED BUT AS DOCUMENT DELIVERY IS BECOMING A PRIORITY CONCERN FOR MANY ORGANIZATIONS, WE HOPE SOME SORT OF COOPERATION WILL BE ESTABLISHED.

THE SITE SELECTION COMMITTEE HAS ALSO BEEN VERY ACTIVE WITH BETTY SUTHERLAND AS CHAIRMAN AND PAULINE SIMPSON, MARY JANE BEARDSLEY AND MICHAEL GOMEZ AS MEMBERS. IT IS TIME TO SELECT A LOCATION FOR THE 1990 CONFERENCE AND MAKE A DECISION FOR 1991. MANY OF US FEEL THAT IT IS TIME TO ORGANIZE A CONFERENCE OUTSIDE NORTH AMERICA IN ORDER TO CONFIRM TO THE "OUTSIDE WORLD" AND TO OURSELVES THAT WE TRULY HAVE AN INTERNATIONAL MEMBERSHIP AND AUDIENCE.

WE HAVE ALSO DURING THE LAST MONTHS SOLVED A PRACTICAL PROBLEM WHICH HAS SOME IMPACT ON THE PROMOTIONAL ACTIVITY OF OUR ASSOCIATION. AS IT WAS INCONVENIENT AND RATHER EXPENSIVE TO HAVE TWO DIFFERENT ADDRESSES PRINTED ON OUR INFORMATION BROCHURES (ONE FOR THE TREASURER AND ONE FOR THE CHAIRMAN OF THE MEMBERSHIP COMMITTEE), WHICH ARE CHANGING TOO OFTEN; AND AS IT IS NOT POSSIBLE TO HAVE A REAL PERMANENT ADDRESS FOR IAMS LIC, WE HAVE DECIDED TO USE ONLY THE ADDRESS OF THE MOST PERMANENT OFFICER OF THE ASSOCIATION, WHO IS PRESENTLY THE NEWSLETTER EDITOR. KRISTEN METZGER HAS AGREED TO SERVE AS A MAILBOX AND DISTRIBUTOR OF THE MAIL AND WE ARE VERY GRATEFUL TO HER. WILL YOU PLEASE GIVE HER ADDRESS TO ANYONE INTERESTED IN THE ASSOCIATION AND CORRECT ACCORDINGLY THE BROCHURES YOU MAY STILL HAVE WITH YOU. A NEW VERSION OF THE BROCHURE WILL BE ISSUED SOON BY CONNIE COOKE WITH THE HELP OF CIUINEAS BOYLE. (HER ADDRESS IS HARBOR BRANCH OCEANOGRAPHIC INSTITUTION, 5600 OLD DIXIE HIGHWAY, FT. PIERCE, FLORIDA 34946)

TO COMMUNICATE AMONG US AND TO DISCUSS ALL THESE QUESTIONS, WE HAVE INTENSIVELY USED THE ELECTRONIC MAIL (E-MAIL) AND IT IS FUNNY TO FIND OCCASIONALLY SOMEWHERE IN A MESSAGE, THE EXCLAMATION OF ONE OF US BLESSING THIS FANTASTIC COMMUNICATION MEDIUM ! WE HAVE LEARNED A LOT THROUGH E-MAIL: HOW TO GET ACCESS THROUGH OMNET TO MELVYL, THE UNION CATALOGUE OF THE UNIVERSITY OF CALIFORNIA; WE HAVE HEARD OF THE CREATION OF A USER GROUP FOR CDS-ISI; WE GOT A REPORT ON A MEETING OF THE SCANDINAVIAN MARINE LIBRARIAN'S GROUP, AND PRACTICAL INFORMATION ON THE ASFA DATABASE AND THE USE OF ITS CD-ROM; WE WERE INFORMED ABOUT A DUTCH NETWORK CALLED MARIS... ALL THIS IS TERRIBLY EXCITING AND EXTREMELY CONVENIENT. HOWEVER, WE SHOULD NOT, AND WE DO NOT, FORGET THAT MANY OF US HAVE NO ACCESS TO E-MAIL. WHEN READING THE MESSAGES WHICH ARRIVE FROM ALL OVER THE WORLD, YOU FEEL THAT THERE IS A GREAT NEED TO EXCHANGE INFORMATION AND THAT, PLAYING WITH THIS MIRACULOUS TOY, WE REINFORCE THE GOOD HABIT OF SHARING WHAT WE KNOW WITH OTHERS. I THINK THAT OUR NEWSLETTER HAS EXACTLY THE SAME ROLE TO PLAY AND I HOPE THAT ALL OF US WILL PROVIDE ITS EDITOR WITH THE MATERIAL THEY DEEM VALUABLE FOR THEIR LIBRARIAN FRIENDS, USING ALL MEANS THEY CAN FIND ON THEIR WAY: E-MAIL, TELEPHONE, TELEX, TELEFAX OR SIMPLY A GOOD OLD LETTER THROUGH THE NORMAL MAIL.

REGARDS. CECILE



## IAMSLIC SITE SELECTION COMMITTEE Committee report

At its post-conference meeting in Miami last October, the IAMSLIC Executive Board established an ad-hoc Site Selection Committee to investigate and recommend to the Board a slate of sites for future IAMSLIC annual conferences. Members of the committee are Mary Jane Beardsley (U.S.A.), Michael Gomez (Federal Republic of Germany), Pauline Simpson (United Kingdom) (October 1988-February 1989); Allen Varley (United Kingdom) (March 1989- ), and Betty Sutherland (Canada), convenor.

The committee has been "meeting" regularly via electronic mail (how did we ever survive before ScienceNet?!?). Although no firm decisions have yet been made as to specific sites, the Committee has reached a consensus on a cycle for conference locations. We will be recommending to the Executive Board that every third conference, beginning with the 1991 conference, be held outside North America. Thus the general schedule for the next few years will look like this:

1989: Bermuda  
1990: North America (probably U.S.A.)  
1991: outside North America  
1992: North America  
1993: North America  
1994: outside North America, etc.

Thus far we have received formal invitations from two U.S. organizations to host the 1990 conference and two non-North American organizations to host the 1991 conference.

The Committee would welcome further invitations from members outside of North America to host the 1991 (or 1994) conference, and invitations from North American members for any of the North American meeting dates (1990, 1992, 1993, etc.). We would ask that the invitation include some approximate cost figures, i.e., what conference registration fee would be required, hotel room rates, meal costs, etc. For the last several years the conference has been held during the first week of October. These dates are not, however, fixed in stone, and other dates from mid-September to mid-November would certainly be considered. Please send invitations to the following address:

IAMSLIC Site Selection Committee  
c/o J.E. Sutherland, Convenor  
6370 Berlin Street  
Halifax, Nova Scotia, Canada B3L 1T5

or, better still, via telefacsimile, electronic mail, or Telex (marking the messages "Attn. J.E. Sutherland, Library).  
FAX: (902) 426-3479

Sciencenet/Omnet: BEDFORD.INST  
Telex: 019-21891

We look forward to being overwhelmed with invitations within the next few weeks.

BETTY SUTHERLAND



The 1989 Conference 'IAMS LIC at a Crossroads'  
 will be held October 2 - 6, 1989  
 at the BERMUDA BIOLOGICAL STATION FOR RESEARCH  
 Ferry Reach GE 01, Bermuda

We hope you'll join us in Bermuda for IAMS LIC's 15th annual meeting!

Conference registration will begin mid-afternoon on Monday, October 2. A reception and barbeque will follow on the terrace of Wright Hall, the main hotel building which overlooks the water at the southern end of our 15 acre campus. Conference sessions and committee meetings will be held in the Redfield building which houses the library, lecture hall, and administrative offices. On Thursday, we plan an afternoon 'around the Island' field trip and a banquet at the Grotto Bay Hotel 10 minutes away by boat.

Registration fees will be \$250 U.S. and will cover the conference proceedings, the welcome reception and barbeque, 3 lunches, the field trip and banquet for all participants. Four breakfasts will be included for those staying at the Station. For those opting for the full Bermuda resort experience at the Grotto Bay hotel (\$85/person/day for double room and breakfast + tax and tip), the registration fee will include 'water taxi' service from the hotel's dock to our own dock at the start and end of the day. Dinners on Tuesday and Wednesday will not be included in the fee. However, participants can eat dinner at BBSR for \$12/person, or can venture into the nearby town of St. George's.

Rates for accommodations on-Station will be \$45/day for a single and \$60/day for a double (with each person willing to share paying \$30/day). As we can only house 60 participants (and a limited number of spouses willing to share a double bed) at BBSR, those seeking budget accommodations should make their plans early. Additionally, there are two small guest houses in St. George where participants can stay at a cost intermediate between the Grotto Bay Hotel and the station.

To compensate for slow mail service, we will be mailing out a detailed brochure in late April or early May. A decision about the pre-conference workshop to be held on Monday, October 2 has not been made yet.

For those interested in arriving a week early and learning about the Bermuda marine environment, space has been reserved for a limited number of IAMS LIC members and guests to attend morning lectures on environmental issues and spend afternoons in the field learning about reefs, grass beds, geology, and island ecology. The price for this will be \$500/person for instruction, field trips, and room and board from noon on Monday September 25 to noon on Monday October 2. Anyone interested in this option should let us know as soon as possible via our Omnet telemail box 'Bda.biostation' or by phone (809-297-1880; ask for Claudia Buchanan in the Education office or Fran Chatterjee, BBSR librarian).



## REPORT FROM THE CONFERENCE CONVENOR

After a very slow start, the papers for the conference are coming in a regular flow. There are a couple of people who indicated in Miami they would be doing something but I have yet to hear from them definitely. I will contact them by e-mail or by phone after March 31.

Carol Winn has agreed to give a talk at dinner one evening on the history and founding of Iamslic. Since she was so instrumental in its founding and development I am sure her talk will be most informative.

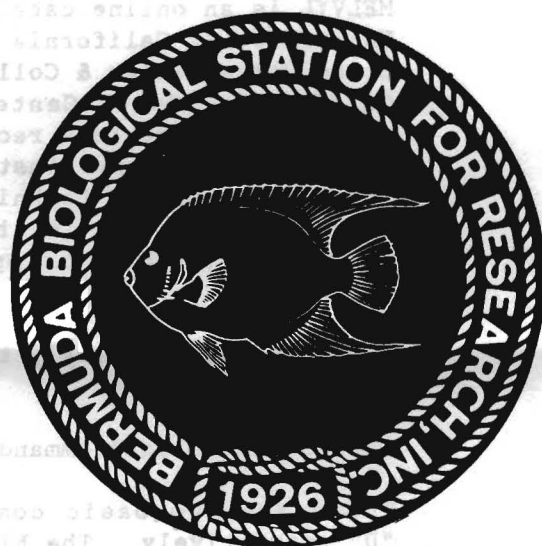
Susan Cook has identified an excellent dinner speaker for the banquet and I am today contacting her to ask her to pursue that.

The abstracts that I have seen so far look very good, and I will soon be getting out acceptances to many of those who have sent in their titles and abstracts. We have one from the Philippines and one from Fiji that I have already accepted to ensure their authors can get funding to come.

Peter Brueggeman has arranged for a keynote speaker in Daniel Richards, who will discuss collection evaluation. B.J. Metcalfe will present a session on managing serials on a micro - with non-vendor specific software. That should be a godsend to many of us.

So after spending the time since Miami alternating between despair and faint hope, the conference convenor is beginning to spend more time in the 'Hope' mode.

Sharon Thomson  
Conference '89 Convenor



# IAMSLIC '89

## CONFERENCE PROCEEDINGS

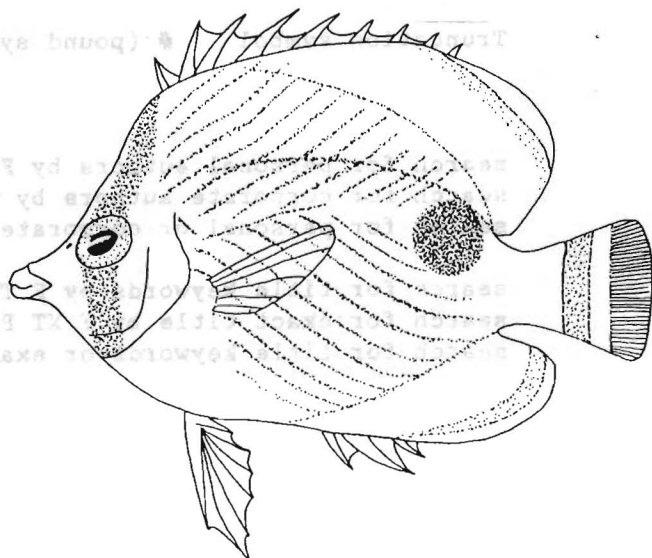
Now available:

PROCEEDINGS OF THE 12TH ANNUAL IAMSLIC  
CONFERENCE, held in Newport, Oregon,  
October 1986.

US \$ 15.00 - IAMSLIC members  
US \$ 20.00 - Non-members

Send orders to:

Ruth Grundy  
Marine Science Institute  
University of Texas at Austin  
Port Aransas, Texas 78373 USA



2c  
1 MBL  
1 Clark

ACCESS TO University of California's MELVYL ONLINE CATALOG

The University of California's MELVYL online catalog can be accessed by Omnet/Sciencenet users by using the command GOTO XDATA followed by selecting MELVYL. This action gateways you via INTERNET to the MELVYL host computer at the University of California Division of Library Automation in Berkeley, California, USA. To exit MELVYL, type END and then type GOTO MAIL to return to Omnet/Sciencenet.

From an IAMS LIC perspective, MELVYL is particularly useful for subject searches, verification, searching for serials by abbreviations, interlibrary loan locations, and getting MARC records for books.

MELVYL is an online catalog listing books and journals owned by the nine University of California libraries and also journals owned by the California State Universities & Colleges, Stanford University, University of Southern California, Getty Center, and Center for Research Libraries. MELVYL lists almost 5 million book records and over 600,000 serial records. MELVYL lists all of the Scripps Institution of Oceanography Library's books and serials (Scripps Library's technical reports collection is listed by serial entry). UC libraries vary in the percentage of their retrospective holdings on Melvyl but UCSD's Scripps Library is almost completely retrospectively converted.

When you get on Melvyl, type "HELP" to review information on MELVYL. The rudiments are this:

Search MELVYL in "command mode" and not in "lookup mode".

There are two basic commands - "FIND" and "DISPLAY"; type them as "F" and "D" respectively. The FIND command is followed by the field in which the search is to be executed (AU, TI, SU) and then by the search terms. The DISPLAY command is entered by itself to see all records retrieved or followed by specific record numbers.


Use the Boolean logical operators "and", "or", and "and not"; omit "and" between search terms since Melvyl will read two terms as having an "and" between them.

Truncation symbol is # (pound symbol).

#### FINDING ITEMS:

search for personal authors by F PA SMITH JOHN  
 search for corporate authors by F CA CONGRESS FISHERIES  
 search for personal or corporate authors by F AU SEARS

search for title keywords by F TW OCEANOGRAPHY ATLANTIC  
 search for exact title by F XT PHYSICAL OCEANOGRAPHY  
 search for title keywords or exact title by F TI OCEAN HEAT

(continued on next page) 

(MELVYL ONLINE CATALOG ..... CONTINUED) D

search by LC subject headings by F SU SUBMARINE CANYONS

search by exact LC subject heading by F XSU CORAL REEFS

search for book series by F SE ANALYTICAL CHEMISTRY 5

search for periodicals by F PE MARINE ECOLOGY PROGRESS

search for exact periodical by F XPE JOURNAL OF GEOPHYSICAL

Exact title searching is the quickest and best; avoid author searching whenever possible. Author names follow LC name authority and you never know if full first name or first initial is used.

Exact searches are automatically truncated after the last word so you only have to type in the first four or five words of a title and not all of it.

Search abbreviated periodical titles by substituting pound signs "#" for periods; you cannot search on less than a three-letter abbreviation.

F PE MAR# ECOL#

This feature of MELVYL is hot stuff since you can go from abbreviated journal title to full title and holdings in one step!

## DISPLAYING SEARCH RESULTS:

display results by typing D by itself to see every record

display specific records by typing D and record number(s)

display brief results by typing D REV with or w/o nos.

display continuous results by typing D CONT with or w/o nos.

Always use CONT for downloading!! Otherwise you are

stuck with a screen-by-screen display of records.

display full record by typing D LONG with or w/o nos.

Full record displays LC subject headings which suggest

further searches that one can pursue.

display MARC record by typing D MARC with or w/o nos.

Brochures are available which summarize the basic MELVYL commands; if you print the help screens you will get far more information.

MELVYL is a useful bibliographic utility since one can display and download MARC records. However MELVYL cannot display diacritical marks. In the MARC record display format, MELVYL substitutes an underline for a diacritical mark that belongs to the letter following the underline. Thus the transliterated Chinese word "y\_u" means that a diacritical mark goes with the "u".

Direct questions or requests for brochures to:

Peter Brueggeman

TELEMAIL=[SCRIPPS.LIBRARY/OMNET] MAIL/USA;

ONTYME=CLASS.UCSD/SIOL;

DIALMAIL=BRUEGGEMAN;

USMAIL=Scrapps Inst of Oceanography Library, UCSD C075C,

La Jolla, CA 92093-0175.



A PROBLEM WITH "KEEP" ON ASFA CDROM

Peter Brueggeman

Scripps Institution of Oceanography Library

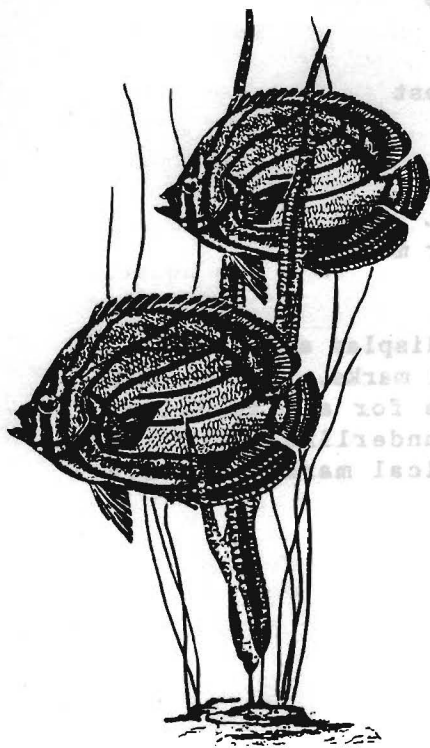
ASFA CDROM's KEEP command may occasionally malfunction when attempting to download certain searches. KEEP occasionally has a problem with long search statements. According to Cambridge, this problem will be cleared up in the upcoming Version 3 of the ASFA CDROM search software.

Set 3 in the following strategy on the 82-86 ASFA disk cannot be kept to disk (error message "error writing to disk") yet similarly sized retrievals can be kept.

- 1: S SALMON AND (RANCH\* OR FARM\* OR AQUACULTUR\*)
- 2: S COST\* OR ECONOMI\* OR FINANC\* OR MARKET\* OR SUPPL\* OR FACILIT\* OR EQUIP\*
- 3: S \1 AND \2

Set 1 and Set 2 can be kept to disk. Individual overlapping subsets of Set 3 (eg S \1 AND COST\*, S \1 AND ECONOMI\*, S \1 AND FINANC\*, S \1 AND MARKET\*, S \1 AND SUPPL\*, etc.) can be kept to disk and therein lies the solution. If a long search cannot be kept, then break it up into several smaller searches.

PETER BRUEGGE MAN

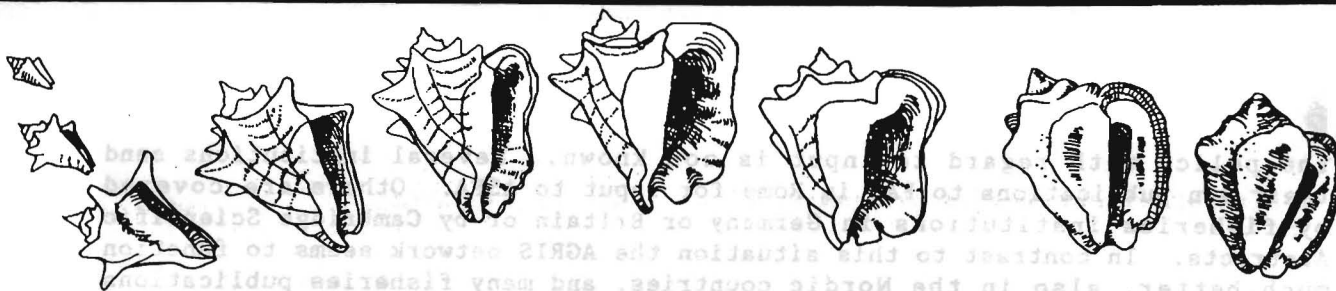
**POSITION AVAILABLE**

**Position:** Reference Librarian, Government Services Division - NOAA

**Duties:** The reference Librarian will be responsible for providing expertise and technical support in all activities involving reference and research services on various subjects relative to NOAA subject areas such as directing online and manual searches/retrieval strategies, information management and analyses, preparing reports and developing publications.

**Requirements:** MLS, Five years technical library or information management experience. BS Physical Science preferred or experience in scientific or technical libraries.

**Contact:** Aspen Systems Corporation  
Attn: Human Resources - AS  
1600 Research Blvd.  
Rockville, MD  
or call 301-251-5465



MEETING OF MARINE SCIENCE LIBRARIANS IN THE NORDIC COUNTRIES, HIRTSHALS,  
DENMARK, JANUARY 30TH - FEBRUARY 1ST, 1989 - PROCEEDINGS

This meeting was organized by Vaasa Research Station for Fishing Technology in cooperation with the Danish Fisheries Technology Institute and was funded by NORDINFO.

The participants at the meeting were:

Britta Carlstrom, Librarian, National Swedish Board of Fisheries,  
Secretariate of Development Cooperation, Sweden.  
Jean Collins, Librarian, Danish Fisheries Technology Institute, Denmark.  
Eirikur T. Einarsson, Librarian, Marine Research Institute, Iceland.  
Finn Ersfjord, Information Consultant, Fisheries Technology Research  
Institute, Norway.  
Bent Gaardestrup, Librarian, Danish Institute of Fisheries and Marine  
Research, Denmark.  
May Britt Manin, Information Consultant, Fisheries Technology Research  
Institute, Norway.  
Tuula Toivio-Byrjanen, Librarian, Finnish Game and Fisheries Technology  
Research Institute, Finland.  
Anna-Liisa Toivonen, Information Scientist, Vaasa Research Station, for  
Fishing Technology, Finland.

The major subjects discussed were as follows:

1. Presentation of the organizations represented at the meeting.
2. Cooperation: National and regional.
3. Areas of special interest, library users and services, major sources of information.
4. Relations with International Organizations

#### 4.1 ASFA/ASFIS

As the most important source for bibliographic information in the aquatic sciences and fisheries ASFA is of major interest. Discussion centered around two aspects, firstly the means of access to ASFA and secondly the inclusion of publications from the Nordic countries in the database.

Most libraries use ASFA through DIMDI or DIALOG and the Finnish Game & Fisheries Research Institute is intending to purchase ASFA on CD-ROM. Much of the literature of fishing technology is in the form of "grey" literature, such as internal reports, etc. and the coverage of this material by ASFA is not comprehensive, depending upon the policy of the national input partners. The fact that the publications of the Nordic countries are not systematically covered by ASFA is a major problem, not just for ourselves but for the international marine sciences community, particularly when one considers the importance of fisheries in this region. The situation with regard to current levels and means of inclusion in ASFA is confusing and far from satisfactory. Norway is the only member country which is a partner in ASFIS, having a national input centre at the Norwegian Oceanographic Data Centre. However,

the policy with regard to input is not known. Several institutions send their own publications to FAO in Rome for input to ASFA. Others are covered by fisheries institutions in Germany or Britain or by Cambridge Scientific Abstracts. In contrast to this situation the AGRIS network seems to function much better, also in the Nordic countries, and many fisheries publications find their way into AGRIS but not in ASFA. Denmark is currently discussing with FAO the possibility of becoming a partner in ASFIS.

#### 4.2 FAO

The publications of FAO form an important part of the collections of fisheries libraries. Major libraries receive FAO's serial publications gratis although the distribution system is erratic and none of the participants has a complete collection. However, access to all of FAO's publications is improving on a commercial basis. The Danish fisheries libraries are currently negotiating the purchase of the cataloguing records in machine-readable form for inclusion in their online catalogue.

#### 4.3 European Marine and Freshwater Science Librarians, Information Scientists and Documentalists

Information about the meeting in April 1988 was provided by Jean Collins who was the only participant attending the meeting.

#### 4.4 IAMS LIC

Libraries in Denmark and Iceland are at present members of IAMS LIC. Information on the activities was provided by Eiríkur T. Einarsson and Jean Collins who have attended annual meetings of IAMS LIC.

#### 4.5 ICES

All of the Nordic countries are members of ICES and a major part of fisheries research is carried out within the ICES regis. The publications of ICES are therefore very important in our work, particularly papers from Working Groups and Council Meetings. Access to these publications is becoming increasingly difficult and the distribution policy of ICES more and more restrictive. Representation has been made to ICES, by IAMS LIC among others, to implement a more effective publication policy.

### 5. COMPUTERISATION, SOFTWARE PACKAGES, ELECTRONIC MAIL

Participants presented usage of computers in their libraries.

### 6. NORDIC COOPERATION

Existing arrangements, activities as a result of this meeting and areas of future activity.

#### EXCHANGE AGREEMENTS

Several of the libraries operate an exchange of publications. It was agreed to exchange annual reports and lists of publications where such agreements do not already exist.

#### PERIODICAL HOLDINGS

Several participants provided a list of their periodical holdings. Of those libraries represented, the Finnish Game & Fisheries Research Institute and the Marine Research Institute in Iceland presently input their holdings to the Nordic Union Catalogue of Periodicals (NOSP). The other libraries were encouraged to include their periodical holdings in NOSP.



## ASFA/ASFIS

To ensure the dissemination of the results of fisheries research in the Nordic countries it was considered important to improve the coverage of our National fisheries publications to ASFA. As a first step participants agreed to compile a list of relevant publications and try to estimate the resources which would be required to establish input centres in the Nordic countries. The meeting discussed the possibilities for regional co-operation with regard to ASFA input and the availability of funding for pilot projects etc.

## ICES PUBLICATIONS

Participants agreed to put pressure on national ICES delegates to try to improve the availability of ICES papers. Representation has already been made by IAMSLIC requesting ICES to publish these documents in microform as a means of simplifying distribution.

## EUROPEAN MARINE AND FRESHWATER SCIENCES LIBRARIANS AND IAMSLIC

It was agreed that the Nordic countries should be represented in these Associations. Activities such as this meeting and future developments would be notified to both groups and as far as possible we should ensure representation at their meetings.

## CLEARINGHOUSE AGREEMENTS

An area where contacts made at such meetings are of immediate benefit is knowing where one can draw upon the expertise of colleagues. This applies to access to particular information sources as well as to national online networks which are only occasionally needed. The group agreed that they were willing to cooperate in sharing this expertise.

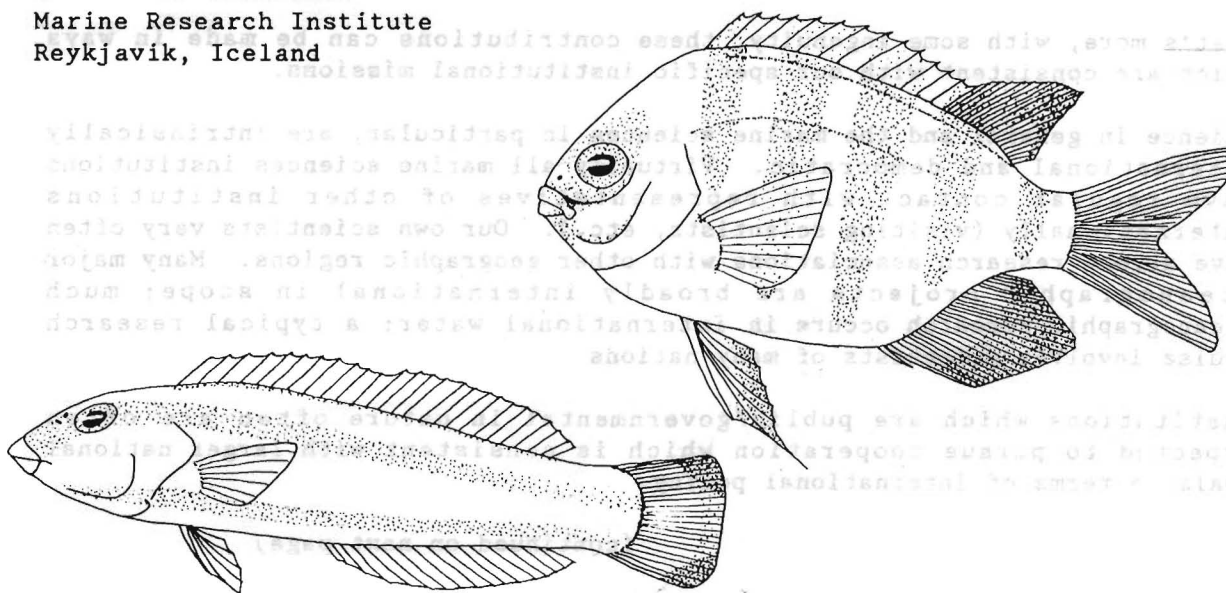
## TOPICS FOR FUTURE DISCUSSION

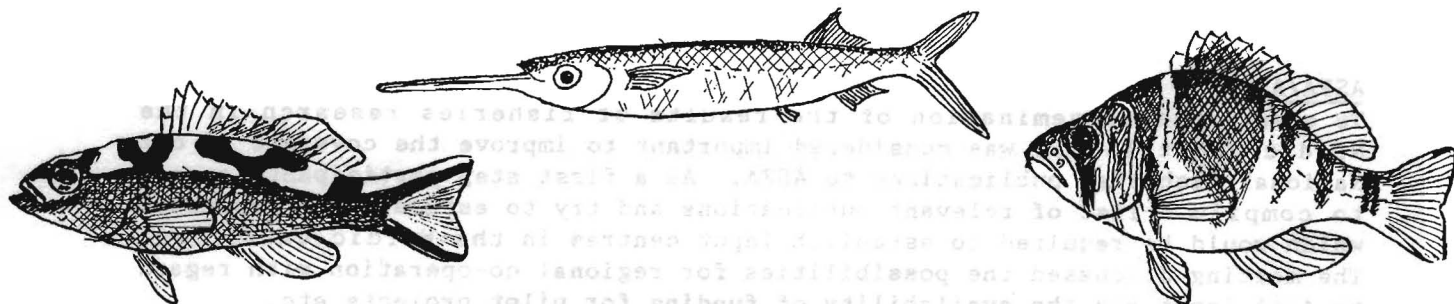
Due to lack of time or lack of sufficient information there were several topics briefly mentioned which are of interest and could form the basis of future discussion. New databases/databanks such as GLOBEFISH, a statistical/full-text database produced by FAO. As far as is known only Norway and Denmark have access to this database; MARINET, a database covering aquaculture and produced in Norway.

## EXCHANGE OF BIBLIOGRAPHIC RECORDS

With development of software packages such as MICRO CDS/ISIS from Unesco it is becoming feasible to extract bibliographic records from international databases and other library catalogues for inclusion in local databases. Online input to ASFA is also currently being tested using CDS/ISIS.

Eiríkur T. Einarsson  
Marine Research Institute  
Reykjavík, Iceland





COMMITTEE ON INTERNATIONAL COOPERATION  
Chairman's Report

A letter was received in January from a colleague in a developing setting who, after an unsuccessful search for cooperative support, noted:

"...budgetary restrictions of most institutions were a common feature, though at the personal level the response has been extremely positive and supportive."

We all necessarily work under severe constraints of budget, staff, time, resources. We often seem forced to devote inordinate time simply justifying our existence. When subsistence itself is at issue, the undertaking of creative "international" projects which seem beyond the scope of immediate necessity may <appear> to be impossible.

However, it is also clear that we are already in the era of resource sharing and of distributed responsibility for collections development. The marine sciences are cosmopolitan by definition and with the advent of e-mail, fax and other technologies, geography should no longer impose absolute limits on cooperative efforts.

At the Miami Conference, the CIC adopted an agenda for the '88-'89 year (published in the last IAMSLIC Newsletter) and I am concerned by the lack of perceptible progress on a number of the goals/objectives outlined.

I would like to urge ALL IAMSLIC librarians to reconsider the IAMSLIC commitment to international cooperation. I believe that there are a variety of ways in which each of us CAN CONTRIBUTE in direct, practical ways to a more closely integrated IAMSLIC community.

What's more, with some ingenuity, these contributions can be made in ways which are consistent with our specific institutional missions.

Science in general and the marine sciences in particular, are intrinsically international and democratic. Virtually all marine sciences institutions have regular contact with representatives of other institutions internationally (visiting scientists, etc.). Our own scientists very often have strong research associations with other geographic regions. Many major oceanographic projects are broadly international in scope; much oceanographic research occurs in international water; a typical research cruise involves scientists of many nations.

Institutions which are public/governmental in nature often are often expected to pursue cooperation which is consistent with larger national goals in terms of international policy.

(continued on next page)

(INTERNATIONAL COOPERATION .....continued)

All of these facts are AVAILABLE PREMISES for international cooperation. Having suggested the foregoing bases for cooperative efforts, I'd like to pose some general questions to IAMS LIC members:

Have you pursued the possibilities of forming closer links with institutions which have already established associations or ties with your institution?

Have you considered the possibility of "twin-ing" (linking your institution with another in a cooperative relationship)?

Could your institution support an "intern" from another institution? (Might it be possible if financial support was forthcoming for room/board/travel ?)

How have you contributed to the goal of developing "well integrated national and regional structures"? Specifically, have you explored the possibilities of local or regional IAMS LIC meetings (either in conjunction with other meetings or separately) ?

Have you made efforts to develop other forms of international networking (read "integration") among actual or potential IAMS LIC members/institutions?

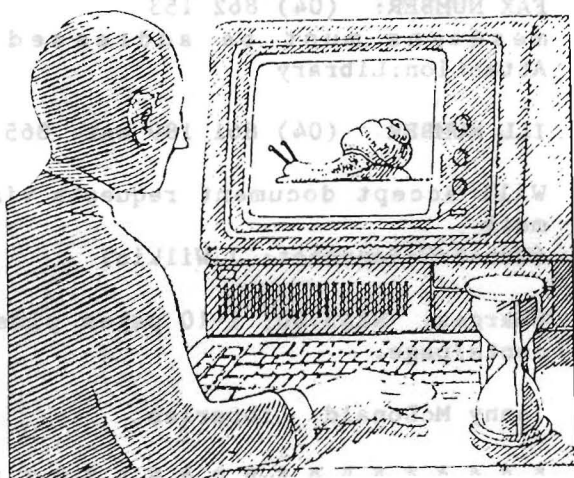
Have you recruited any new members to IAMS LIC within your area? (Have you considered subsidizing even one new member with whom you are in contact for one year? Do you need brochures? Do you need other forms of support to follow through?)

Do you clearly perceive a need for the development of training programs, workshops, or publications to which IAMS LIC could contribute? [Perhaps in conjunction with other major marine sciences meetings? ]

Your active responses are critical!

-- Tom Moritz Chair-CIC  
CAS Library  
Golden Gate Park  
San Francisco, CA 94118  
USA

ScienceNet: "CAS.Library"  
Phone: 415 750 7101  
FAX: 415 750 7106



#### MEMBERSHIP RENEWAL

By now you should have received a reminder to renew your membership. If your address label has the number 88 in the right hand corner, you are only receiving this newsletter out of the goodness of our hearts - and as part of a desperate attempt to get you to renew your membership. Why not take care of it today?



MULTI-YEAR MARINE SCIENCE PLAN

IAMS LIC members may be interested in a new publication by the Department of Fisheries and Oceans entitled "Multi-Year Marine Science Plan."

This plan, developed by the Canadian Federal Interdepartmental Committee on Oceans (ICO) provides an overview of marine and marine-related science activities in the federal government. It gives a detailed reporting of programs and planned initiatives over a three-year horizon to inform ICO member departments, universities and the ocean industry of proposed government activities.

The Multi-Year Marine Science Plan and a separate executive summary are available free of charge from the Communications Directorate, Department of Fisheries and Oceans, Ottawa Canada, K1A OE6.

\*\*\*\*\*

Le Plan pluriannuel des sciences de la mer, elabore par le Comite interministeriel des oceans (CIO), offre un apercu des activites, au sein du gouvernement federal, dans le domaine des sciences de la mer et sciences connexes, leurs objectifs, et les liens existant entre divers ministeres. Il presente egalement un compte rendu detaille des programmes et des initiatives prevues pour les trois prochaines annees afin d'informer les ministeres membres du CIO, les universites et l'industrie oceanique, des activites envisagees par le gouvernement.

Le Plan et Sommaire sont gratuits et disponibles chez la Direction generale des communications, Ministere des Peches et des Oceans, Ottawa (Canada) K1A OE6.

CORRECTION

Please note that the fax number in the December 1988 newsletter for Eirikur T. Einarsson at the Marine Research Institute in Reykjavik, Iceland was incorrect. The correct number is +354-1-623790.

FAX INFORMATION

Below is information on communicating with the Lowestoft Fisheries Laboratory:

The Library  
D. Bate, Librarian  
Ministry of Agriculture, Fisheries and Food  
Fisheries Laboratory  
Lowestoft, Suffolk NR33 OHT  
United Kingdom

(Omnet: MAFF.DFR.LOWESTOFT)  
FAX Phone # (0502) 513865

\*\*\*\*\*

The University of Georgia's Marine Institute on Sapelo Island now has Telefax capabilities; their number is (912) 485-2133.

\*\*\*\*\*

DSIR Division of Water Sciences  
New Zealand Oceanographic Institute  
Private Bag, Kilbirnie, Wellington  
New Zealand

FAX NUMBER: (04) 862 153  
messages must be addressed to  
Attention:Library

ILL NUMBER (04) 861 189 ext. 865

Will accept document requests via e-mail  
(Omnet/Sciencenet: J.Wilkin)

Charges: NZ\$5.00, 1-10 pages plus 20 cents/page.

Jenny McDonald, Librarian

\*\*\*\*\*

REPORT FROM THE DOCUMENT DELIVERY COMMITTEE (DDC)

IAMS LIC through the DDC has submitted a proposal to the United States Department of Education for the Title 11-D funds to do a pilot project. The proposal was written by the IAMS LIC DDC (primarily the U.S. members) and submitted through the University of Texas at Austin, Marine Science Institute.

The pilot project networks 21 marine science libraries, using fax and computer technology linked via electronic-mail for the purpose of document delivery. The network is intentionally designed to be open -- meaning that once the system is in place, all of the libraries on the E-mail system will have access to the marine science library network if they have a fax card in their computers.

Guidelines will be developed to regulate use once the funding is secured.

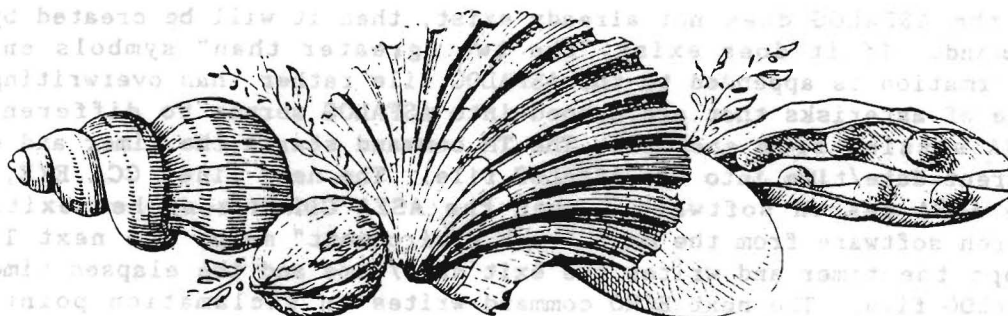
The Network has seven Prime Lending Libraries and 14 Net Borrowing Libraries.

The Net Lending Libraries have been identified as:

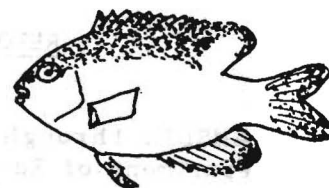
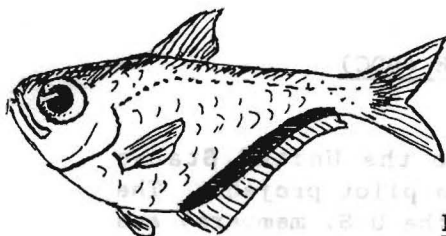
The Marine Biological Laboratory Library,  
Virginia Institute of Marine Science Library,  
University of Miami Rosenstiel School of Marine and Atmospheric Science Library,  
University of Texas at Austin Marine Science Institute Library,  
University of California at San Diego Scripps Institute of Oceanography Library,  
University of California Academy of Science Library, and  
University of Washington Library.

The 14 New Borrowing Libraries were selected with the thought of selecting one from each coastal state; however, since participation was voluntary and our model was limited, we were unable to represent every state. The following states have representative libraries in the model: Washington, Oregon, California, Texas, Louisiana, Alabama, Mississippi, Florida, Georgia, South Carolina, North Carolina, Rhode Island, Massachusetts, and Virginia.

The funds requested are limited to the U.S. and to institutions of higher education. We have approached Bob Freeman about the possibility of FAO or other non-U.S. funds to link this network with non-US and on-North American systems.



(continued on next page)



### LOGGING USAGE TIME FOR ASFA CDROM

Peter Brueggeman

Scripps Institution of Oceanography Library

At the 1988 IAMS LIC meeting, while presenting the 1987 usage data for ASFA CDROM at the Scripps Library, I described a way to capture the date and time that ASFA CDROM searchers enter and exit the ASFA CDROM search software. That timestamping method was machine-specific in that it utilized the clock/calendar resident in your ASFA CDROM microcomputer (contact me if you want more information). A more powerful timestamping method that will also deliver the elapsed time of the ASFA session uses Norton Utilities (NU). NU is a useful collection of utility software one of which is called TIMEMARK. NU is a very commonly owned software and you should be able to find an owner in your institution if you do not own it. All you need is one little software from it called TM.EXE. Simply copy the TM software into your \CSA directory. You must create a batch file that runs TIMEMARK before and after loading the ASFA CDROM search software. A sample batch file follows that will run from the \CSA directory. The \CSA directory is where your ASFA CDROM software is probably located on your hard disk; it was created while installing the ASFA CDROM software.

```
ECHO OFF
ECHO ***** >> C:\ASFALOG
TM START /L >> C:\ASFALOG
CCA.EXE
TM STOP /L >> C:\ASFALOG
ECHO ! >> C:\ASFALOG
ECHO ***** >> C:\ASFALOG
```

The batch file may have to be modified to suit your hard disk directory structure. The first ECHO command avoids a screen display of what follows; it is unnecessary for ASFA CDROM searchers to see what you are up to. The second ECHO command puts a line of asterisks into a file called ASFALOG. ASFALOG will be the written record of usage of your ASFA CDROM system; however it will only be recording when someone enters and exits the ASFA CDROM search software. If the ASFA CDROM searcher does not exit from the main "work environment" menu when finished searching ASFA, then you will not capture the true length of time that the ASFA CDROM system was in use.

If the ASFALOG does not already exist, then it will be created by the ECHO command. If it does exist, the two "greater than" symbols ensure that information is appended to the ASFALOG file rather than overwriting it. The line of asterisks that are echoed into ASFALOG serves to differentiate one ASFA session from another. The TM command starts the timer and writes the current date/time into the ASFALOG file. The next line, CCA.EXE, loads up the ASFA search software. When the ASFA CDROM searcher exits the ASFA search software from the main "work environment" menu, the next TM command stops the timer and writes the exit date/time and the elapsed time into the ASFALOG file. The next ECHO command writes an exclamation point into the ASFALOG file; it appears after the elapsed time in ASFALOG. The "ECHO !"

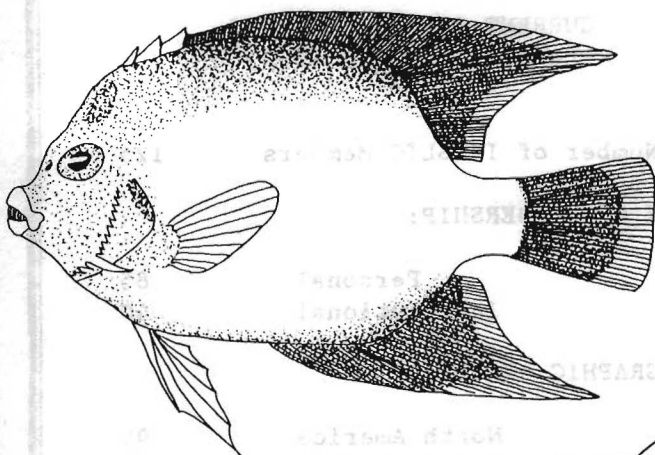
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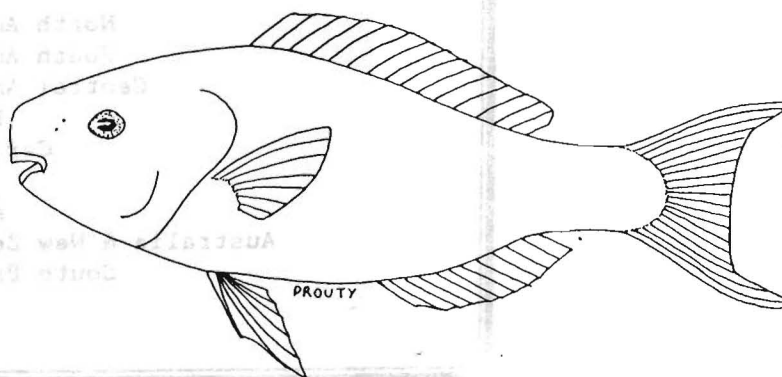
command is necessary so that the next line of asterisks ECHOed into ASFALOG is written on a new line. The last ECHO puts a line of asterisks into ASFALOG to signify that a session ended. This sequence of commands will create a log file that looks like the following:

```
*****
11:22 am, Tuesday, January 10, 1989 11:44 am, Tuesday, January 10, 1989
22 minutes, 40 seconds !
*****
*****
11:45 am, Tuesday, January 10, 1989 11:54 am, Tuesday, January 10, 1989
8 minutes, 34 seconds !
*****
*****
12:01 pm, Tuesday, January 10, 1989 1:07 pm, Tuesday, January 10, 1989
1 hour, 5 minutes, 32 seconds !
*****
*****
3:04 pm, Tuesday, January 10, 1989 3:25 pm, Tuesday, January 10, 1989
21 minutes, 13 seconds !
*****
```

You may also find other of the Norton Utilities helpful. Norton Utilities is a highly regarded software and you should browse through the manual. SD "SpeedDisk" can be used to compact the data on the microcomputer's hard disk. SpeedDisk fills in the empty spots left by deleted files and reorders the data on the hard disk so that each software's program and data is contiguous on the hard disk. The result is faster execution of software. FA "FileAttribute" can be used to make many (but not all) of the software on the ASFA microcomputer's hard disk unerasureable. Thus ASFA CDRom users cannot inadvertently erase software on your hard disk when they are using the ASFA search software's DOS command.



TOM MORITZ (California Academy of Sciences) will be attending the International Federation of Library Associations Conference in Paris, France in August. He will be serving on the Standing Committee on Information Technology as the representative for the Special Libraries Association.

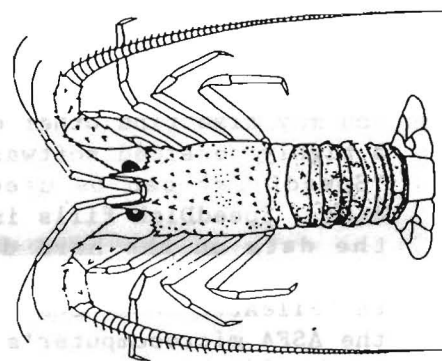


AUTHOR INDEXES AVAILABLE FOR 1987 SCRIPPS CONTRIBUTIONS

The author indexes for the 1987 Scripps Institution of Oceanography Contributions are now available on floppy disk. Two indexes are available: a first-named author index and a multiple-author index. The multiple author index lists citations under each author individually; thus one citation is repeated under each author. The first-named author index lists a citation under the first author only. Both lists (multiple-author and first-named author) are available as Wordperfect 4.2 or ASCII files. Typesetting coding is sprinkled throughout the text so there will have to be cleanup of the citations. Special characters such as diacritical marks and Greek letters are also encoded by typesetting codes. These indexes are available for free on IBM-formatted 5 1/4 floppy disk. Please specify if you want the first-named author index or the multiple-author index and also specify if you wish them in Wordperfect or ASCII versions. Contact Peter Brueggeman, Scripps Inst Oceanography Library, UCSD C075C, La Jolla CA 92093-0175, USA or at Telemail/Omnet ScienceNet SCRIPPS.LIBRARY.

WANT TO SHARE YOUR EXPERTISE & GET PUBLISHED?

Barbara Quint, editor of the library journal DATABASE SEARCHER, is very open to receiving manuscripts for publication. She is interested in manuscripts on database searching of interest to a wide readership. Submissions can be short or long and can be about discovery of major glitches in online databases, comparative discussions of databases, search techniques, etc. Call her or write her to pitch an idea to her before writing it up. Barbara Quint can be reached at (213)451-0252 or at 932 11th St, Suite 9, Santa Monica CA 90403.



CURRENT IAMS LIC MEMBERS  
(as of 23 March 1989)

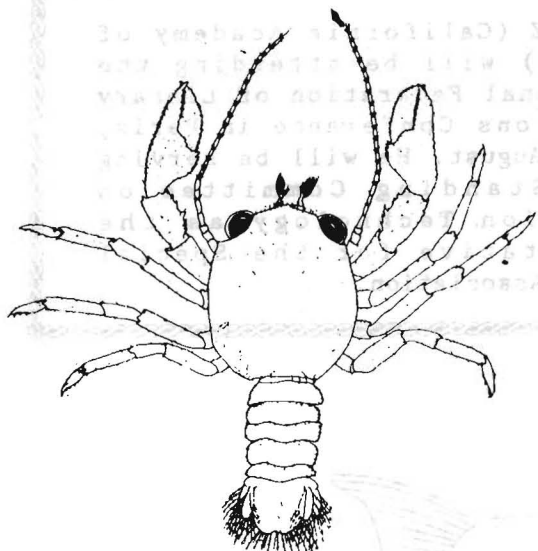
Total Number of IAMS LIC Members 125

BY TYPE OF MEMBERSHIP:

Personal	85
Institutional	40

BY GEOGRAPHIC REGION:

North America	99
South America	1
Central America	1
Europe	13
Caribbean	3
Asia	2
Africa	2
Australia & New Zealand	2
South Pacific	2



## **TRINIDAD AND TOBAGO DEVELOPING A FISHERIES MANAGEMENT INFORMATION SYSTEM (FISMIS).**

The Fisheries Division in Trinidad and Tobago has initiated a three-year project for the development of a computerised Fisheries Management Information System (FISMIS). Funding will be provided by the Information Sciences Division of the International Development Research Centre (IDRC) of Canada. The Memorandum of Grant Conditions formally launching the project was signed on September 7th 1988.

The overall objective of the project is to develop within the Ministry of Food Production, Marine Exploitation, Forestry and The Environment the capability to integrate resource research data and information (numerical, textual, bibliographic) with complementary industry data and information, for marine fisheries management. The specific objectives include:

- (1) Consolidation, integration, and automation of existing data and information handling procedures.
- (2) The provision of a data/information service to the government planners, managers, scientists, extension staff and the fishing communities.
- (3) The compilation of a bibliographic database on essential documents dealing with marine fisheries resources of Trinidad and Tobago and adjacent areas.
- (4) A significant training component for staff of the Ministry in data and information processing and management, including preparation of thematic maps.

Project activities involve systems analysis, design, and programming phases, including a review of existing systems and software internationally. Local consultants will be undertaking these activities, while additional expertise in stock assessment, systems engineering and data centre operations will be obtained through inputs from the University of Rhode Island, University of Maryland (U.S.A.) and the Fisheries Department of the Food and Agriculture Organisation (United Nations). A number of other international institutions will also be co-operating in project activities in exchanging and providing data and information.

The project will establish linkages between marine fisheries research programmes in Trinidad and Tobago and the region, to develop an exchange of data, information and research ideas. A two-day workshop will be convened during the project cycle to demonstrate the system and provide for exchanges between regional countries.

Further information on the FISMIS project can be obtained from the Project Manager: Mr. Boris Fabres, Fisheries Officer at the Fisheries Division, Ministry of Food Production, Marine Exploitation, Forestry and The Environment, St. Clair, Port-of-Spain, Trinidad. Telephone numbers: (809) 634-4392, -4405.

---

**PROJECT OF THE GOVERNMENT OF TRINIDAD AND TOBAGO AND THE INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC) OF CANADA.**

---





JOSE A. SUAREZ-CAABRO, D.N.Sc., Author  
 Fishery Scientist  
 Member of American Fishery Society  
 Former Director of the Fisheries Research  
 Laboratory and Coordinator of the  
 Fisheries Research and Development Program  
 of the Commonwealth of Puerto Rico, U.S.A.

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- 1) The aboriginal period.
- 2) During the possession and governing of Cuba by Spain.
- 3) During the era of Cuban Independence.
- 4) During the communist regime from 1959 to the present.

Soviet-Cuban cooperation in fisheries development has significantly increased production from the sea. Recently (to 1985) Cuban fishing vessels fished the high seas of virtually all the areas of the north and south Atlantic and the southeastern Pacific. Cuba's tuna fisheries, demersal, and inland fisheries are discussed. Records of fish production and the import and export of fish products are represented, based upon public and undisclosed statistics. Tables include scientific and common names of fish and shellfish, mentioned in the text. Nine black and white illustrations of fish and shellfish dominant in the Cuban catch, are portrayed.

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